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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert E. Reiter et al. **Examiner:** Not yet known
Serial No.: 09/854,811 **Group Art Unit:** 1646
Filed: May 14, 2001 **Docket No.:** 30435.69USD2
Title: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on August 27, 2001.

By: Tracy Truick

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b)(3))

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Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. They are as follows:

- WO 98/00540 published January 8, 1998 (Exhibit 1)
- Arlen, Myron et al., "Immunotherapy of Colon Cancer Using Chimeric mAb 31.1," *Critical Review in Immunology*, 1998, 18:133-8. (Exhibit 2)
- Arthur, Jill F. et al., "A Comparison of Gene Transfer Methods in Human Dendritic Cells," *Cancer Gene Therapy*, 1997, 4:17-25. (Exhibit 3)
- Ashley, David M. et al., "Bone Marrow-generated Dendritic Cells Pulsed with Tumor Extracts or Tumor RNA Induce Antitumor Immunity against Central Nervous System Tumors," *Journal of Experimental Medicine*, 6 October 1997, 186:1177-82. (Exhibit 4)

- Bamezai, Anil and Kenneth L. Rock, "Overexpressed Ly-6A.2 Mediates Cell-Cell Adhesion by Binding a Ligand Expressed on Lymphoid Cells," *Proc Nat'l Acad Sci USA*, May 1995, 92:4294-8. (Exhibit 5)
- Brakenhoff, Ruud H. et al., "The Human E48 Antigen, Highly Homologous to the Murine Ly-6 Antigen ThB, is a GPI-anchored Molecule Apparently Involved in Keratinocyte Cell-Cell Adhesion," *Journal of Cell Biology*, June 1995, 129:1677-89. (Exhibit 6)
- Braun, Benjamin S. et al., "Identification of Target Genes for the Ewing's Sarcoma EWS/FLI Fusion Protein by Representational Difference Analysis," *Molecular and Cell Biology*, August 1995, 15:4623-30. (Exhibit 7)
- Cher, Michael L. et al., "Comparative Genomic Hybridization, Allelic Imbalance, and Fluorescence In Situ Hybridization on Chromosome 8 in Prostate Cancer," *Genes, Chromosomes & Cancer*, 1994, 11:153-62. (Exhibit 8)
- Cohen, Stanley N. et al., "Nonchromosomal Antibiotic Resistance in Bacteria: Genetic Transformation of *Escherichia coli* by R-Factor DNA," *Proc. Nat'l Acad Sci USA*, August 1972, 69:2110-4. (Exhibit 9)
- Cupp, Michael R. and Osterling, Joseph E., "Prostate-Specific Antigen, Digital Rectal Examination and Transrectal Ultrasonography: Their Roles in Diagnosing Early Prostate Cancer," *Mayo Clinic Proceedings*, March 1993, 68:297-306. (Exhibit 10)
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- Fong, Lawrence et al., "Induction of Tissue-Specific Autoimmune Prostatitis with Prostatic Acid Phosphatase Immunization Implications for Immunotherapy of Prostate Cancer," *Journal of Immunology*, 1997, 159:3113-7. (Exhibit 13)
- Foon, Kenneth A. et al., "Immune Response to the Carcinoembryonic Antigen in Patients Treated with an Anti-Idiotypic Antibody Vaccine," *Journal of Clinical Investigation*, July 1995, 96:334-42. (Exhibit 14)
- Fritz, Benjamin A. and Anson W. Lowe, "Polarized GP2 Secretion in MDCK Cells Via GPI Targeting and Apical Membrane-Restricted Proteolysis," *American Journal of Physiology*, January 1996, 270:G176-83. (Exhibit 15)
- Funakoshi, Satoshi et al., "Differential In Vitro and In Vivo Antitumor Effects Mediated by Anti-CD40 and AntiCD20 Monoclonal Antibodies Against Human B-Cell Lymphomas," *Journal of Immunotherapy*, 1996, 19(2):93-101. (Exhibit 16)
- Graham, F. L. and A. J. Van Der Eb, "A New Technique for the Assay of Infectivity of Human Adenovirus 5 DNA," *Virology*, 1973, 52:456-67. (Exhibit 17)
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- Henderson, Robert A. et al., "Human Dendritic Cells Genetically Engineered to Express High Levels of the Human Epithelial Tumor Antigen Mucin (MUC-1)," *Cancer Research*, 15 August 1996, 56:3763-70. (Exhibit 19)

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- Israeli, Ron S. et al., "Molecular Cloning of a Complementary DNA Encoding a Prostate-specific Membrane Antigen," *Cancer Research*, 15 January 1993, 53:227-30. (Exhibit 22)
- Jenkins, Robert B. et al., "Detection of c-myc Oncogene Amplification and Chromosomal Anomalies in Metastatic Prostatic Carcinoma by Fluorescence *in Situ* Hybridization," *Cancer Research*, 1 February 1997, 57:524-31. (Exhibit 23)
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- Brinster, Ralph L. et al., "Transgenic Mice Harboring SV40 T-Antigen Genes Develop Characteristic Brain Tumors," *Cell*, June 1984, 37:367-79. (Exhibit 72)
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This statement should be considered because it is submitted before the mailing date of the first Office Action on the merits according to 37 C.F.R. §1.97(b)(3). In accordance with 37 C.F.R. §1.98(d)(2), copies of Exhibits 1-145 as set forth in the enclosed Form 1449 are not provided herein as they have been previously provided to the U. S. Patent Office in prior applications to which the subject application claims priority. The subject application claims priority of U.S. Serial Nos. 09/564,329, 09/359,326, 09/318,503, 09/251,835, 09/203,939, and 09/038,261. Exhibits 1 through 145 have been provided to the U.S. Patent Office for the afore-mentioned applications.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that the

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references have been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any additional fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 50-0306.

Respectfully submitted,



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